

	A	B	C	D
1	Unit ID	Description	Air Pollution Control Devices	Monitoring Requirements
2	P005	Tunnel Kiln #4 (E-9)	Baghouse	VE checks
3	P006	Copper Calciner 1 (E-10)	2 Baghouses	Baghouse pressure drop (1-5"WC)
4				Type of fuel burned other than NG
5	P009	Rotary Calciner #4 (E-13-1)	TriMer Scrubber and baghouse	Baghouse Pressure drop (0.3-4.5"WC)
6				Type of fuel burned other than NG
7				Method 9 VE reading
8				TriMer 1st Stage Pressure Drop (0-1.5"WC)
9				TriMer 2nd Stage Pressure Drop (1-4"WC)
10				TriMer 3rd Stage Pressure Drop (3-6"WC)
11				TriMer scrubber water flow rate (>50 gal/min)
12				TriMer scrubber water pH (10-13)
13				Operating times for the capture and control system, monitoring equipment, and the associated emission unit.
14	P010	Rotary Calciner #1 (E-14)	F-1 Scrubber, TriMer Scrubber, and baghouse	Type of fuel burned other than NG
15				VE checks
16				Method 9 VE reading
17				TriMer 1st Stage Pressure Drop (0-1.5"WC)
18				TriMer 2nd Stage Pressure Drop (1-4"WC)
19				TriMer 3rd Stage Pressure Drop (3-6"WC)
20				TriMer scrubber water flow rate (>50 gal/min)
21				TriMer scrubber water pH (10-13)
22				Operating times for the capture and control system, monitoring equipment, and the associated emission unit.
23	P018	Wyssmont Drier (E-22)	Baghouse	Baghouse pressure drop (1-6"WC)
24	P024	Gen Cat Reaction Tanks (E-28)	Wet scrubber	VE checks
25	P026	Double Cone Blenders B-1&2 (E-30)	Wet scrubber	VE checks
26	P028	Gen Cat Extruders (E-32)	Baghouse	VE checks
27	P031	CER Color Blend, Crush, Mill (E-35)	Baghouse	VE checks
28	P050	Misc. Tablet Mix Equipment		
29	P051	J.H. Day Blenders (E-55)	Baghouse	VE checks
30	P053	Nickel Tablet System (E-57)	2 Baghouses	VE checks
31	P055	Zinc Tablet Mix (E-59)	Baghouse and a wet scrubber	VE checks
32				Type of fuel burned other than NG
33	P069	P-K Blender (E-76)	Baghouse	VE checks
34	P070	CU/CR Strike Tanks (E-77)	Wet scrubber	Scrubber pressure drop (>1"WC)
35				Scrubber water flow rate (>25 gal/min)
36				Operating times for the capture and control system, monitoring equipment, and the associated emission unit.
37	P080	Rotary Calciner #5 (E-13)	TriMer Scrubber and baghouse	Type of fuel burned other than NG
38				VE checks
39				TriMer 1st Stage Pressure Drop (0-0.6"WC)
40				TriMer 2nd Stage Pressure Drop (1-3"WC)
41				TriMer 3rd Stage Pressure Drop (3-5"WC)
42				TriMer scrubber water flow rate (>50 gal/min)
43				TriMer scrubber water pH (10-12)
44				Operating times for the capture and control system, monitoring equipment, and the associated emission unit.
45	P086	Gen Cat P&S Dryers #2 & #3	Viron scrubber #1 & #2	Scrubber pressure drop (>1"WC)
46				Scrubber water flow rate (>2 gal/min)
47				Type of fuel burned other than NG
48				Operating times for the capture and control system, monitoring equipment, and the associated emission unit.
49				Scrubber liquor pH (6-11)
50	P094	Spin Flash Dryer (E-100)	none	VE checks
51	P095	Copper Calciner #2 (E-101)	3 baghouses	Baghouse pressure drop (1-6"WC) - 3 baghouses
52				Type of fuel burned other than NG
53	P098	Bldg 25 East Tableting	baghouse	VE checks
54	P099	PK Blender #2 (E-103)	baghouse and a wet scrubber	VE checks
55				Baghouse pressure drop (3-5"WC)
56				Scrubber pressure drop (>2"WC)
57				Scrubber water flow rate (as recommended by manfotrtr)
58				Operating record
59	P100	Tunnel Kiln #2 (E-8)	baghouse	VE checks
60	P101	Tunnel Kiln #3 (E-8)	baghouse	VE checks
61	P102	Rotary Calciner #2	F-1 Scrubber, TriMer Scrubber, SCR unit and baghouse	Type of fuel burned other than NG
62				VE checks (baghouse???)
63				Method 9 VE reading

Sheet1

	E	F	G	H	I	J	K	L	M	N	O	P
					1st Quarter Operating Parameter	1st Quarter Missing Record	2nd Quarter Operating Parameter	2nd Quarter Missing Record	3rd Quarter Operating Parameter	3rd Quarter Missing Record	4th Quarter Operating Parameter	4th Quarter Missing Record
1	Monitoring Frequency	Enforceability	Reporting	Monitoring/Recordkeeping Form								
2	weekly	Fed & State	Semi-annual VE report									
3	daily	Fed & State	Quarterly Deviation Report	Calciner Baghouse Reading Form	3		1		4			
4	daily	Fed & State	Quarterly Deviation Report	Operating Record								
5	daily	Fed & State	Quarterly Deviation Report	Daily Emission Units Report							1	
6	daily	Fed & State	Quarterly Deviation Report	Operating Record								
7	quarterly	Fed & State	Quarterly Deviation Report									
8	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form	8		1				7	
9	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form	29		12				1	
10	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form	67		40		9		21	
11	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form			1				2	
12	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form							2	
13	daily	State only		Operating Record								
14	daily	Fed & State	Quarterly Deviation Report	Operating Record								
15	weekly	Fed & State	Semi-annual VE report									
16	quarterly	Fed & State	Quarterly VE report									
17	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form	3		1					
18	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form	7		3		28			
19	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form	18		59		90			
20	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form			1					
21	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form								
22	daily	State only		Operating Record								
23	daily	Fed & State	Quarterly Deviation Report	Wyssmont Drier DC Reading Form				1	1			
24	weekly	Fed & State	Semi-annual VE report									
25	weekly	Fed & State	Semi-annual VE report									
26	weekly	Fed & State	Semi-annual VE report									
27	weekly	Fed & State	Semi-annual VE report									
28												
29	weekly	Fed & State	Semi-annual VE report									
30	weekly	Fed & State	Semi-annual VE report									
31	weekly	Fed & State	Semi-annual VE report									
32	daily	Fed & State	Deviation report	Operating Record								
33	weekly	Fed & State	Semi-annual VE report									
34	daily	Fed & State	Quarterly Deviation Report	NH3 and HNO3 Scrubber Reading Form	4				4			
35	daily	Fed & State	Quarterly Deviation Report	NH3 and HNO3 Scrubber Reading Form					1		2	
36	daily	Fed & State		Operating Record								
37	daily	Fed & State	30-day Deviation Report	Operating Record								
38	weekly	Fed & State	Semi-annual Deviation Report									
39	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form	15		53		12			
40	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form			25		9			
41	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form	15				24			
42	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form			1					
43	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form	1							
44	daily	State only		Operating Record								
45	daily	Fed & State	Quarterly Deviation Report	Daily Emission Units Report							5	
46	daily	Fed & State	Quarterly Deviation Report	Daily Emission Units Report	6		47		6			
47	daily	Fed & State	30-day Deviation Report	Operating Record					29			
48	daily	Fed & State		Operating Record								
49	once per shift	State only	Quarterly Deviation Report	Daily Emission Units Report	4				24		24	
50	weekly	Fed & State	Semi-annual VE report									
51	daily	Fed & State	Quarterly Deviation Report	Calciner Baghouse Reading Form	6		1		7			
52	daily	Fed & State	30-day Deviation Report	Operating Record								
53	weekly	Fed & State	Semi-annual VE report									
54	weekly	Fed & State	Semi-annual Deviation Report									
55	daily	State only	Quarterly Deviation Report	Daily Emission Units Report	52	1	13		4			
56	daily	State only	Quarterly Deviation Report	Daily Emission Units Report	56	1			2		1	
57	daily	State only	Quarterly Deviation Report	Daily Emission Units Report								
58				Operating Record								
59	weekly	Fed & State	Semi-annual VE report									
60	weekly	Fed & State	Semi-annual VE report									
61	daily	Fed & State	30-day Deviation Report	Operating Record								
62	daily	Fed & State	Semi-annual VE report									
63	quarterly	Fed & State	Quarterly VE report									

	A	B	C	D
64				TriMer 2nd Stage Pressure Drop (1-3"WC)
65				TriMer 3rd Stage Pressure Drop (3-5"WC)
66				TriMer scrubber water flow rate (>50 gal/min)
67				TriMer scrubber water pH (10-12)
68				Operating times for the capture and control system, monitoring equipment, and the associated emission unit.
69	P103	Rotary Calciner #3	F-1 Scrubber, TriMer Scrubber, SCR unit and baghouse	Type of fuel burned other than NG
70				VE checks (baghouse???)
71				Method 9 VE reading
72				TriMer 2nd Stage Pressure Drop (1-3"WC)
73				TriMer 3rd Stage Pressure Drop (3-5"WC)
74				TriMer scrubber water flow rate (>50 gal/min)
75				TriMer scrubber water pH (10-12)
76				Operating times for the capture and control system, monitoring equipment, and the associated emission unit.
77	P104	Iron Catalyst Mixing (E-104)	Baghouse	Baghouse pressure drop (3-5"WC)
78	P105	Gravity Bed Separator	Dust collector	Baghouse pressure drop (1-4"WC)
79				VE checks
80	P106	National Dryer	Baghouse	Baghouse pressure drop (1-4"WC)
81				VE checks
82				Type of fuel burned other than NG
83				Method 9 VE reading
86		<b>DEVIATIONS</b>		
87		Breakdown of Type	2014	1st Quarter
88		Operating outside permit parameters		295
89		Operations failure to complete forms		2
90		Data collection failure do to inaccurate forms		0
91		Visible emissions checks		0
92		Total		297
96		<b>BREAKDOWN OF OPERATING OUTSIDE PARAMETERS DEVIATIONS</b>		
98		TriMer		165
99		Others		129
100		% Trimer		56
104		2014 goal: <100 deviation for non-TriMer parameters	actual as of 12/31/14 - 309	

Sheet1

	E	F	G	H	I	J	K	L	M	N	O	P
64	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form								
65	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form								
66	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form								
67	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form								
68	daily	State only		Operating Record								
69	daily	Fed & State	30-day Deviation Report	Operating Record								
70	daily	Fed & State	Semi-annual VE report									
71	quarterly	Fed & State	Quarterly VE report									
72	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form			21					
73	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form			60					
74	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form								
75	once per shift	State only	Quarterly Deviation Report	Tri-Mer Scrubber Reading Form								
76	daily	State only		Operating Record								
77	daily	Fed & State	Quarterly Deviation Report	Daily Emission Units Report								
78	daily	Fed & State	Quarterly Deviation Report	Daily Emission Units Report								
79	daily	Fed & State	Semi-annual VE report									
80	daily	Fed & State	Quarterly Deviation Report	Daily Emission Units Report					1			
81	daily	Fed & State	Semi-annual VE report	Daily Emission Units Report	1							
82	daily	Fed & State	30-day Deviation Report	Operating Record								
83	quarterly	Fed & State	Quarterly Deviation Report		295	2	340	1	255	0	66	0
86												
87	2nd Quarter	3rd Quarter	4th Quarter									
88	340	255	66									
89	1	0	0									
90	0	0	0									
91	0	0	0									
92	341	240	66									
96												
98	278	170	34									
99	63	85	32									
100	82	67	52									
104												